

The SPECS-EUPORIAS Data Server

Different sector-specific impact activities to be undertaken in [?SPECS](#) and [?EUPORIAS](#) projects require a reduced number of variables (typically at surface) from different data sources (mainly seasonal forecasts, reanalysis, and observations). The [?SPECS-EUPORIAS Data Server](#) has been established by the Santander Meteorology Group (UC-CSIC) as part of the data management activities in these projects to provide a unique access for these impact-relevant variables, gathered from existing datasets. The data portal is based on a THREDDS data server providing metadata and data access using OPeNDAP and other remote data access protocols. Moreover, a user-friendly [?R](#) package has also been developed for exploring and remotely accessing subsets of data, thus reducing the burden of data access in these activities. This package will be also a key component for other tasks of the projects based on R, including the validation and downscaling packages to be developed within SPECS and sector-specific calibration and modeling tools to be developed in EUPORIAS.

This trac/wiki page provides an up-to-date description of the SPECS-EUPORIAS Data Server, including information of the available datasets and the documentation and code of the R data access package. This page is currently under construction, but both a first tutorial describing the basic functioning and a first version of the R package (a R function) are already available:

Dataset catalog: [?http://www.meteo.unican.es/tds5/catalogs/system4/System4Datasets.html](http://www.meteo.unican.es/tds5/catalogs/system4/System4Datasets.html)

R code: [?loadSystem4.R](#)

Tutorial: [PDF file?](#)

Contents (under development):

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